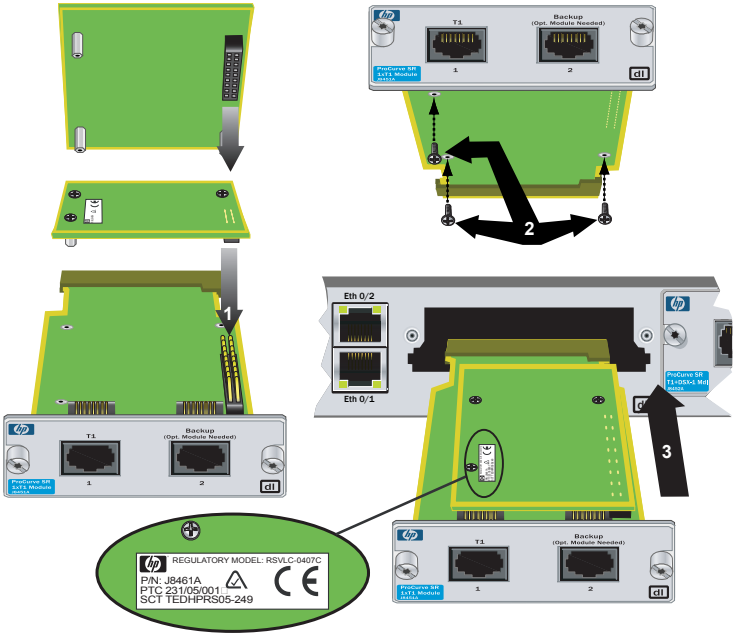
Quick Start Guide 5991-2107

ProCurve Secure Router dl ISDN BRI S/T Backup Module J8461A

ProCurve Networking
HP Innovation



Specifications

Features	Clear channel and bonding mode 1 call protocols Network support for 64 kbps (1 B channel) D-channel switch compatibility with AT&T 5ESS, Northern Telecom DMS-100, National ISDN-1, and Euro-ISDN V.54 network loopback support
Compliance	FCC Part 15 Class A, EN 55022 Class A, EN 61000-3-2, EN 61000-3-3 ACIF S031, ETSI TBR 3 AS/NZS 60950, EN 60950
Physical	Dimensions: 6.35 cm (2.5 in) W x 9.53 cm (3.75 in) D Operating Temperature: 0°C to 50°C (32°F to 122°F) Relative Humidity: Up to 95 percent, noncondensing at 30°C (86°F) Non-Operating Temperature: -20°C to 70°C (-4°F to 158°F) Non-Operating Relative Humidity: Up to 95 percent, noncondensing at 30°C (86°F) Altitude: Up to 3.05 km (10,000 ft)

Installation Instructions

1. Remove power from the base unit.
2. If the ProCurve Secure Router interface module is already installed in the ProCurve Secure Router chassis, remove all connected cables, release the screws at both edges of the module front panel, and slide the module out of the chassis.
3. Carefully align the P1 connector on the interface module with the J1 connector on the backup module. *Using only fingertip pressure* so that neither circuit board bends or flexes, ensure that the connectors are firmly seated. Secure the backup module to the interface module using the screws and standoff posts supplied.
4. Slide the interface module (with the backup module attached) into the ProCurve Secure Router option slot until the module is firmly seated against the chassis.
5. Secure the screws at both edges of the module.
6. Connect the cables to the associated device(s).
7. Complete installation of the base unit.
8. Restore power to the base unit.

ISDN Backup Connection Pinout

Pin	Name	Description
1-2	—	Unused
3	R1	Network-Receive (Ring 1)
4	R	Network-Transmit (Ring)
5	T	Network-Transmit (Tip)
6	T1	Network-Receive (Tip 1)
7-8	—	Unused

Note *For safety information for the routers and all modules, please refer to the safety and ESD precautions in the* ***ProCurve Secure Router Installation Guide*** *included in your router shipment.*

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ISDN BRI S/T Backup Module Commands

alias *<text>*

Populates the *ifAlias* OID (Interface Table MIB of RFC2863) for this interface for use by the SNMP management station.

caller-id override [always *<number>* **| if-no-CID** *<number>***]**

Configures the unit to replace caller ID information with a user-specified number. Use the **no** form of this command to disable any caller ID overrides.

always *<number>*	Always forces replacement of the incoming caller ID number (found in the Calling Party Information Element) with the number given. Enter up to 15 numerical digits with no spaces or special characters (hyphens or parentheses).
if-no-CID *<number>*	Replaces the incoming caller ID number (found in the Calling Party Information Element) with the number given if no caller ID number is received. Enter up to 15 numerical digits with no spaces or special characters (hyphens or parentheses).

debug isdn

Enables debug messages for various ISDN operations. For more details on the available debug messages, refer to the *SROS Command Line Interface Reference Guide*.

description *<text>*

Comment line to provide an identifier for this interface (for example, circuit ID or contact information).

<text>	Displays up to 80 alphanumeric characters.

isdn [spid1 | spid2] *<spid string> <LDN>*

Programs the Service Profile Identifiers (SPIDs) and Local Directory Numbers (LDNs) for the Basic Rate ISDN (BRI) interface. This information should be supplied by your service provider. Use the **no** form of this command to remove a configured SPID.

<spid string>	Specifies the 8- to 14-digit number identifying your BRI line in the Central Office switch. A SPID is generally created using the area code and phone number associated with the line and a four-digit suffix.
<LDN>	*(Optional.)* Specifies the LDN assigned to the circuit by the service provider. The LDN is the number used by remote callers to dial into the ISDN circuit. Inbound calls are not accepted on interfaces without programmed LDNs. LDNs can also be entered using the **isdn ldn** command. The **isdn spid** and **isdn ldn** commands overwrite the existing programmed LDN; therefore the last LDN programming entered takes precedence.

Note *For Euro applications, a SPID is not necessary. Use the* **isdn ldn** *command to configure the LDN for SPID-less applications.*

isdn [ldn1 | ldn2] *<ldn string>*

Programs the LDNs for the BRI interface. This information should be supplied by your service provider. Use the **no** form of this command to remove a configured LDN.

<ldn string>	Specifies the LDN assigned to the circuit by the service provider. The LDN is the number used by remote callers to dial into the ISDN circuit. Inbound calls are not accepted on interfaces without programmed LDNs. LDNs can also be entered using the **isdn spid** command. The **isdn spid** and **isdn ldn** commands overwrite the existing programmed LDN; therefore the last LDN programming entered takes precedence.

isdn switch-type [basic-net3]

Specifies the ISDN signaling type configured on the BRI interface. The type of ISDN signaling implemented on the BRI interface does not always match the manufacturer of the Central Office switch. Use the **no** form of this command to return to the default value. This setting is determined by your service provider. Additional switch types listed for this module (**basic-5ess**, **basic-dms**, and **basic-ni**) are not recommended configurations for public ISDN BRI S/T applications.

basic-net3	Specifies Net3 Euro-ISDN signaling.

resource pool-member *<pool name> <priority>*

Assigns the BRI interface to a resource pool, making it available as a demand routing resource. Use the **no** form of this command to remove the resource pool association.

<pool name>	Specifies the name of the resource pool to which this interface is assigned.
<priority>	Optional. Specifies the priority of this interface within the resource pool. Interfaces within a resource pool are used dynamically, based on priority. Lower numbers indicate higher priority.

shutdown

Disables the interface (both physical and virtual) so that no data will be passed through. Use the **no** form of this command to turn on the interface and allow it to pass data. By default, all interfaces are disabled.

Note *This command list is an illustration of available commands. For complete command descriptions and default values, refer to the* ***SROS Command Line Interface Reference Guide*** *provided on your ProCurve SROS Documentation CD.*

61195875L1-13D, May 2006 Printed in the USA